

Calendar

[Have a safe day!](#)

Wednesday, March 10
3:30 p.m.

DIRECTOR'S COFFEE
BREAK - 2nd Flr X-Over
4 p.m.

[Fermilab Colloquium](#) - One
West

Speaker: John Peoples,
Fermilab

Title: The TeVatron Collider:
A Thirty-Year Campaign

Thursday, March 11
2:30 p.m.

[Theoretical Physics](#)
[Seminar](#) - Curia II

Speaker: Nausheen Shah,
Fermilab

Title: Gauge-Higgs
Unification Phenomenology
in Warped Extra
Dimensions

3:30 p.m.

DIRECTOR'S COFFEE
BREAK - 2nd Flr X-Over
THERE WILL BE NO
ACCELERATOR PHYSICS
AND TECHNOLOGY
SEMINAR TODAY

Click here for [NALCAL](#),
a weekly calendar with
links to additional
information.

[Upcoming conferences](#)

Campaigns

[Take Five](#)

[Tune IT Up](#)

H1N1 Flu

For information about
H1N1, visit Fermilab's flu
information [site](#).

Weather



Showers
54°/45°

[Extended Forecast](#)
[Weather at Fermilab](#)

Current Security Status

Feature

Director chooses Vicky White to head computing



Vicky White

Fermilab Director Pier Oddone has named Vicky White associate director for computing science and technology and chief information officer.

She will guide the laboratory in the area of scientific computing and will lead efforts in operating and setting standards for network,

core IT services, management information systems and Web infrastructure.

"I have great expectations and complete trust that Vicky will be able to deliver us into the 21st century of computing," Oddone said.

White has held the two titles on a temporary basis for about a year while the laboratory conducted a national search to fill the position. A recruiter and hiring committee together considered 357 candidates.

"I'm pleased and excited to take on such a formidable challenge," White said. As associate director for computing science and technology, she will maintain and modernize the advanced computing the laboratory's scientific program needs. As chief information officer, she is responsible for the IT that keeps the rest of the laboratory ticking.

"It's a balance between the research component and making sure everyone gets paid," said Patty McBride, deputy director of the Computing Division.

McBride has known White since 1994. "She's excellent at adapting to changing environments and setting direction," she said.

White first arrived at the laboratory, then known as National Accelerator Laboratory, in 1973 as a programmer after teaching three years of high school mathematics in Cambridge, England. After stints at Lawrence Berkeley Laboratory and CERN, she returned to Fermilab in 1981. She took part in both experiments at the Tevatron and led a small team of DZero members that built a distributed computing system that was an early version of today's Grid.

From the Accelerator Physics Center

Virtual accelerators

Panagiotis Spentzouris, principal investigator of the ComPASS project and department head of the Accelerator and Detector Simulation Department in the Computing Division, wrote this week's column.

In the next 10 years, HEP scientists will conduct experiments at the Large Hadron Collider, design upgrades to the LHC accelerator complex and develop novel concepts and technologies for the next lepton collider.

This will advance research at the Energy Frontier. At the Intensity Frontier, HEP scientists will carry out experiments with high-intensity proton sources for neutrino physics and rare process searches, design the next generation of high-intensity proton sources, known as Project X, and advance the design of a high-intensity muon source for a neutrino factory.

The Community Petascale Project for Accelerator Science and Simulation — a multi-institutional collaboration of computational accelerator physicists, led by Fermilab — works on these projects together with colleagues in Fermilab's Accelerator Physics Center and the Computing Division and at accelerator laboratories around the world. Over the next few years, the [ComPASS](#) team will focus on designing the various parts of the Project X accelerator complex, optimizing acceleration structures for the next lepton collider and helping develop new accelerator concepts such as muon- and plasma-based accelerators.

The design, cost effectiveness and successful operation of future accelerators require the optimization of many parameters and the understanding of many physics processes. For example, we need to understand how the particles in a high-intensity beam interact with each other and how they interact with their surroundings, various accelerator components and complex electromagnetic fields that change when particles travel through them.



Panagiotis Spentzouris

[Secon Level 3](#)

Wilson Hall Cafe

Wednesday, March 10

- Breakfast: English muffin sandwich
- Cajun-style lentil soup
- Cajun chicken ranch
- Braised pork chops
- Chicken parmesan
- Smoked turkey panini pesto mayo
- Assorted sliced pizza
- Chicken Alfredo fettuccine

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, March 10 Lunch

- Vegetarian meal
- Tex-Mex peppers
- Latin fried rice
- Vanilla flan w/ mango sauce

Thursday, March 11 Dinner Closed

[Chez Leon Menu](#)

Call x3524 to make your reservation.

Archives

[Fermilab Today](#)

[Result of the Week](#)

[Safety Tip of the Week](#)

[CMS Result of the Month](#)

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From 1999 until 2002, White served as detailee to the Department of Energy's Office of High Energy and Nuclear Physics. She returned to Fermilab as director of the Computing Division in 2002. Since then, she has helped create FermiGrid and supported Fermilab's efforts to take leadership roles in computing for the Sloan Digital Sky Survey, the CMS experiment, U.S. Lattice QCD and Open Science Grid, among other programs.

-- Kathryn Grim

Feature

Take time out for art today - twice - at lecture, reception



One of the intimate dual portraits on display this month at the Art Gallery. Meet the artist, Virginia Broersma, today.

Feed both your mind and your body at Fermilab's Art Gallery today, with two events highlighting the current exhibit, "I Live in a Duplex," presented in association with the laboratory's Women's History Month celebrations.

From 11:30 a.m. to 12:30 p.m., artist [Virginia Broersma](#) will discuss her large-scale acrylic portraits, on display in the Fermilab Art Gallery through May 3. Each canvas depicts two faces in stark detail, expressions frozen in a range of emotion from frustration to joy—but the subjects' relationship to one another remains a mystery, left to the viewer to determine. Broersma will explain her artistic process, discuss her experience as a woman in a male-dominated profession, and will take questions from attendees.

Then, from 5 p.m. to 7 p.m. at the Artist's Reception, nibble on a selection of cheeses, sip some wine, and leisurely examine the portraits at your own pace. See if you can create your own narrative and uncover the secrets of the cast of characters shaped by Broersma's brush.

Special Announcement

Build and fly a delta dart tonight at Kuhn Barn

The ComPASS team simulates these physics processes by employing computational accelerator models that require advanced algorithms and massive computing time. Today such computations achieve high accuracy and greatly shorten the time required to design and optimize accelerators. They reduce the number of trial-and-error cycles for producing accelerator component prototypes and help save money.

[Read more](#)

Safety Update

ES&H weekly report, March 9

This week's safety report, compiled by the Fermilab ES&H section, includes one injury. An employee tripped over a metal flooring strip and fell. Find the full report [here](#).

[Safety report archive](#)

Announcements

Latest Announcements

[Intermediate/Advanced Python Programming offered May 19-21](#)

[Barnstormers Delta Dart night- tonight](#)

[Art Gallery Talk - Virginia Broersma - today](#)

[Requesting donations for Fermilab maternity closet](#)

[March 31 deadline to enroll young adult dependents](#)

[DreamWeaver CS3: Intro March 16](#)

[Fermilab blood drive \\$100 gas card winner](#)

[Employee discount at Batavia Rosati's](#)

[Harlem Globetrotters special ticket price - April 15](#)

[Qi Gong, Mindfulness and Tai Chi Easy for Stress Reduction](#)

[International Folk Dancing, Thursday evenings at Kuhn Barn](#)

[Argentine Tango through March 31, student discount](#)

[Hiring summer students for 2010](#)

[Calling all softball players](#)

[Interpersonal Communication Skills offered March 16](#)

[Word 2007 Advanced class - March 18](#)

[Facilitating Meetings That Work course -](#)



A child flies a delta dart during the 2007 Delta Dart Night in Kuhn Barn.

Delta darts are small, rubber band-powered airplanes that children can build in less than an hour. Tonight, Fermilab's model airplane club, the Barnstormers, invites everyone to the Kuhn Barn for a delta dart-making party and flying contest. The club will provide all required materials, and the Users' Center will have available refreshments.

Competition for the longest time of flight starts at 7 p.m. sharp; if you plan to compete, please arrive no later than 6 p.m. to start construction on your airplane. Prizes will be given in two categories: adults and children, 12 and under.

Learn more about the Barnstormers [here](#).

[March 17](#)

[Influence and Motivation: The Empowering Leader course - March 24](#)

[PowerPoint 2007 Advanced course - March 25](#)

[Excel Programming with VBA class - March 30 and April 1](#)

[Additional activities](#)

[Submit an announcement](#)